

---

Subject: Re: New Eclipse-based IDE  
Posted by [JD Smith](#) on Tue, 05 Dec 2006 00:04:22 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Mon, 04 Dec 2006 15:02:47 -0800, Mark Hadfield wrote:

> Like many IDL users, I'm waiting with bated breath for the new  
> Eclipse-based IDE (though not as bated as it would be if I ran Linux  
> instead of Windows). In this connection I found the following newsgroup  
> exchange interesting:  
>  
>>> If you compare eclipse to VS [Visual Studio], it is not that memory  
>>> hungry  
>  
>> And if you compare Saturn to Jupiter, it's not that big.

One of the old acronyms the vi crowd invented as an invective against Emacs was "Eight Megabytes and Constantly Swapping". Sort of puts things in perspective.

JD

---

---

Subject: Re: New Eclipse-based IDE  
Posted by [Greg Hennessy](#) on Tue, 05 Dec 2006 01:54:16 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On 2006-12-05, JD Smith <jdsmith@as.arizona.edu> wrote:  
> One of the old acronyms the vi crowd invented as an invective against  
> Emacs was "Eight Megabytes and Constantly Swapping". Sort of puts things  
> in perspective.

That phrase is a blast from the past. I've been used to utter it a few times myself. And I only know enough vi to edit the makefile to compile emacs. :)

---

---

Subject: Re: New Eclipse-based IDE  
Posted by [Richard French](#) on Tue, 05 Dec 2006 03:16:19 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On 12/4/06 8:54 PM, in article  
slrnen9ka8.1g5.greg.hennessy@localhost.localdomain, "Greg Hennessy"  
<greg.hennessy@localhost.localdomain> wrote:

> On 2006-12-05, JD Smith <jdsmith@as.arizona.edu> wrote:  
>> One of the old acronyms the vi crowd invented as an invective against

>> Emacs was "Eight Megabytes and Constantly Swapping". Sort of puts things  
>> in perspective.  
>  
> That phrase is a blast from the past. I've been used to utter it a few  
> times myself. And I only know enough vi to edit the makefile to  
> compile emacs. :)

I've been stymied several times in trying to get plain emacs (not xemacs)  
running under OSX, but I just tracked down  
<http://homepage.mac.com/zenitani/emacs-e.html>  
which has a drag and install version (GNU Emacs 22.0.90.1) that seems to  
work and it has IDLWAVE installed. Maybe this time I can actually learn to  
use this lauded interface between IDL and emacs - it will require that I  
learn emacs first (I am a vi fan). Suggestions for easy tutorials?

Dick French

---

---

Subject: Re: New Eclipse-based IDE  
Posted by [Michael Galloy](#) on Tue, 05 Dec 2006 04:46:02 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Richard G. French wrote:

> I've been stymied several times in trying to get plain emacs (not xemacs)  
> running under OSX, but I just tracked down  
> <http://homepage.mac.com/zenitani/emacs-e.html>  
> which has a drag and install version (GNU Emacs 22.0.90.1) that seems to  
> work and it has IDLWAVE installed. Maybe this time I can actually learn to  
> use this lauded interface between IDL and emacs - it will require that I  
> learn emacs first (I am a vi fan). Suggestions for easy tutorials?

For what it's worth, I like Aquamacs Emacs for the Mac:

<http://aquamacs.org/>

This is a Mac-ified version of Emacs (22.0.50.1 right now). I know  
IDLWAVE is installed with this; I'm not sure if I updated to a more  
recent version.

As far as learning IDLWAVE is concerned, I found the tutorial:

<http://idlwave.org/idlwave.html#TUTORIAL>

and this reference card:

[http://idlwave.org/idlwave\\_refcard.pdf](http://idlwave.org/idlwave_refcard.pdf)

to be very useful. There's more info at <http://idlwave.org>.

Mike

--

[www.michaelgalloy.com](http://www.michaelgalloy.com)

---

---

Subject: Re: New Eclipse-based IDE

Posted by [savoie](#) on Tue, 05 Dec 2006 15:31:18 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Richard G. French" <[rfrench@wellesley.edu](mailto:rfrench@wellesley.edu)> writes:

- > I've been stymied several times in trying to get plain emacs (not xemacs)
- > running under OSX, but I just tracked down
- > <http://homepage.mac.com/zenitani/emacs-e.html>
- > which has a drag and install version (GNU Emacs 22.0.90.1) that seems to
- > work and it has IDLWAVE installed. Maybe this time I can actually learn to
- > use this lauded interface between IDL and emacs - it will require that I
- > learn emacs first (I am a vi fan). Suggestions for easy tutorials?

I've the vi commands are completely ingrained in your muscle memory, emacs can seem a bear. But you can look at things like viper-mode. It basically puts vim key commands on top of emacs.

The most frustrating and most efficient way get a start with emacs is "C-h t" Control-h then t. It starts the tutorial. It's slow and painful, like trying to get to the corner market on a unicycle when you already have, and know how to ride a bicycle. But it's be worth it. The only other command to know is 'M-x apropos' that'll let you learn everything else you need.

The \*nix idlde is so poor, I can say for certain that without idlwave I would have long ago given up IDL. And with 15+ years of emacs (and a complete devotee), I suspect I won't be giving up idlwave for eclipse. Of course, with the way they're always polishing up their direct graphics fonts, and keeping up with their mapping libraries, ITT/RSI don't want dinosaurs like me anyway.

--

Matthew Savoie - Scientific Programmer  
National Snow and Ice Data Center  
(303) 735-0785 <http://nsidc.org>

---

---

Subject: Re: New Eclipse-based IDE  
Posted by [JD Smith](#) on Tue, 05 Dec 2006 17:50:09 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Mon, 04 Dec 2006 22:16:19 -0500, Richard G. French wrote:

>  
>  
>  
> On 12/4/06 8:54 PM, in article  
> slrnen9ka8.1g5.greg.hennessy@localhost.localdomain, "Greg Hennessy"  
> <greg.hennessy@localhost.localdomain> wrote:  
>  
>> On 2006-12-05, JD Smith <jdsmith@as.arizona.edu> wrote:  
>>> One of the old acronyms the vi crowd invented as an invective against  
>>> Emacs was "Eight Megabytes and Constantly Swapping". Sort of puts  
>>> things in perspective.  
>>  
>> That phrase is a blast from the past. I've been used to utter it a few  
>> times myself. And I only know enough vi to edit the makefile to compile  
>> emacs. :)  
>  
>  
> I've been stymied several times in trying to get plain emacs (not xemacs)  
> running under OSX, but I just tracked down  
> <http://homepage.mac.com/zenitani/emacs-e.html> which has a drag and install  
> version (GNU Emacs 22.0.90.1) that seems to work and it has IDLWAVE  
> installed. Maybe this time I can actually learn to use this lauded  
> interface between IDL and emacs - it will require that I learn emacs first  
> (I am a vi fan). Suggestions for easy tutorials?

Just FYI.... Emacs 22 has been a \*long\* time in coming, and is much more functional and useful than Emacs 21 in many ways. This has motivated various groups to roll out CVS pre-release versions, like this one. There are even version which remap all key bindings to be more "Mac-like" (see [aquamacs.org](http://aquamacs.org)).

Emacs 22 has at long last recently entered pre-test phase, so an actual honest-to-goodness release will be coming soon. I'm attempting to get IDLWAVE as up to date as possible for this release (since it will be the default version people use for the next ~5 years). For

the first time, Emacs trivially compiles on OSX as either a Carbon Emacs.app, or normal X11 Emacs (both have pluses/minuses w.r.t. IDL usage). So, by all means install one of these "itchy trigger finger" pre-release versions, but just make sure you get the latest "real" version when it arrives hopefully soon. The magic version of IDLWAVE to look for is 6.1\_em22.

Easiest way to get going with Emacs is Help->Emacs Tutorial, and note that in most Emacs mappings Meta == Apple (which is unfortunately different from the default Terminal, where Meta == Option key). Also feel free to ignore whatever seems weird and use whatever is easiest. For instance, C-n for "down one line" is probably awkward for most people... just use the down arrow, etc.

For the record, I actually prefer the X11 version of Emacs 22 on OSX, because:

1. IDL is already running in X11, so you can switch back and forth using focus-follow-mouse (if you like that kind of thing, and have set it up).
2. On my Powerbook, I don't often have my external mouse handy, but with X11, I can emulate 3-button mice using Apple and Option click (and turn this off when I have my real bluetooth mouse available). This isn't crucial, but many things in Emacs like other clicks (middle-click to paste, right-click on IDL breakpoint lines to change options, etc.).
3. I can make Option -> Meta (for uniformity) and Apple -> Super, so I can save keystrokes by mapping IDLWAVE commands like C-c C-d C-c to s-c (Super-c, aka Apple-c), etc. In ~/.emacs:

```
(setq idlwave-shell-debug-modifiers '(super))
```

On the other hand, Carbon Emacs has nicely anti-aliased fonts and benefits from running its own applications (can hide it, use application-window Expose, etc.).

JD

---

Subject: Re: New Eclipse-based IDE  
Posted by [david.reitter](#) on Tue, 19 Dec 2006 21:46:57 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

JD Smith wrote:

> 1. IDL is already running in X11, so you can switch back and forth using

> focus-follow-mouse (if you like that kind of thing, and have set it  
> up).

No system-wide setting for this?

Otherwise, <http://www.emacswiki.org/cgi-bin/wiki/follow-mouse.el> might help.

> 2. On my Powerbook, I don't often have my external mouse handy, but  
> with X11, I can emulate 3-button mice using Apple and Option click  
> (and turn this off when I have my real bluetooth mouse available).  
> This isn't crucial, but many things in Emacs like other clicks  
> (middle-click to paste, right-click on IDL breakpoint lines to  
> change options, etc.).

Ctrl-Click maps to mouse-3, Apple-Click maps to mouse-2 in Aquamacs, if that helps.

> 3. I can make Option -> Meta (for uniformity) and Apple -> Super, so I  
> can save keystrokes by mapping IDLWAVE commands like C-c C-d C-c to s-c  
> (Super-c, aka Apple-c), etc. In ~/.emacs:

```
(setq mac-command-modifier 'super)
```

should work in all up-to-date Carbon Emacsen including Aquamacs.  
We've put that in a while ago.

--

<http://aquamacs.org> -- Aquamacs: Emacs on Mac OS X

<http://aquamacs.org/donate> -- Could we help you? Return the favor and support the Aquamacs Project!

---

Subject: Re: New Eclipse-based IDE

Posted by [JD Smith](#) on Fri, 29 Dec 2006 22:18:21 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Tue, 19 Dec 2006 13:46:57 -0800, david.reitter wrote:

> JD Smith wrote:

>

>> 1. IDL is already running in X11, so you can switch back and forth using  
>> focus-follow-mouse (if you like that kind of thing, and have set it  
>> up).

>

> No system-wide setting for this?

> Otherwise, <http://www.emacswiki.org/cgi-bin/wiki/follow-mouse.el> might  
> help.

Thanks for the follow-up, David.

```
>> 2. On my Powerbook, I don't often have my external mouse handy, but
>>   with X11, I can emulate 3-button mice using Apple and Option click
>>   (and turn this off when I have my real bluetooth mouse available).
>>   This isn't crucial, but many things in Emacs like other clicks
>>   (middle-click to paste, right-click on IDL breakpoint lines to
>>   change options, etc.).
>
> Ctrl-Click maps to mouse-3, Apple-Click maps to mouse-2 in Aquamacs, if
> that helps.
```

Is this something that cannot or will not make it into vanilla Carbon Emacs? Very useful feature.

```
>> 3. I can make Option -> Meta (for uniformity) and Apple -> Super, so I
>>   can save keystrokes by mapping IDLWAVE commands like C-c C-d C-c to s-c
>>   (Super-c, aka Apple-c), etc. In ~/.emacs:
>
> (setq mac-command-modifier 'super)
>
> should work in all up-to-date Carbon Emacsen including Aquamacs.
> We've put that in a while ago.
```

Very nice, thanks. For those of us who have Emacs key shortcuts fairly well embedded in our hind-brains and who therefore wouldn't use the Apple key except as e.g. super, what other advantages does Aquamacs offer over conventional carbon Emacs? Do you plan to track the impending v22 release?

JD

---